IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Applicant: **Shuo-Yen Robert Li**

Case: **20**

Serial No. **09/882,075**

Filed: **June 15, 2001**

Group Art Unit:

Examiner:

Title of Invention: GENERAL SELF-ROUTING MECHANISM FOR
MULTICASTING CONTROL OVER BIT-PERMUTING
SWITCHING NETWORKS

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231**

SIR:

Enclosed is a Preliminary Amendment in the above-identified application.

No additional fee is required based on the calculation below for a **small entity**:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	22	20	2	$ 9.00	$ 18.00
Indep. Claims	3	3	0	$40.00	$ 0.00

Multiple Claims First Presented with this Amendment = 0	$0

Total: $ 18.00

Also enclosed herewith for filing in connection with the enclosed application are:

XX Return Postcard

XX Credit Card Authorization in the Amount of $ **18.00**

Respectfully submitted,

(signature) John T. Peoples

Date: 9 - 8 - 01

John T. Peoples (Reg. No. 28,250)
14 Blue Jay Ct.
Warren, NJ 07059

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Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited by me on
_____9 - 8 - 01_____ with the United States Postal Service with sufficient
postage as first-class mail in an envelope properly addressed to Assistant Commissioner
for Patents, Washington, DC 20231.

_____9 - 8 - 01_____
Date of Certificate

_____John T. Peoples_____
John T. Peoples

SIR:

PRELIMINARY AMENDMENT

Enclosed is a Preliminary Amendment in the above-identified application.
Please amend the application as follows.

In the Specification:

Replace pages 8 and 9 with the following:

-- SUMMARY OF THE INVENTION

The shortcomings of the prior art, as well as other limitations and

deficiencies, are obviated in accordance with the present invention by applying algebraic

principles to the physical realization of a large switching fabric based upon contemporary

technologies.

In accordance with a broad method aspect of the present invention, a

method for self-routing a plurality of packets through a $2^n \times 2^n$ switch, the switch having